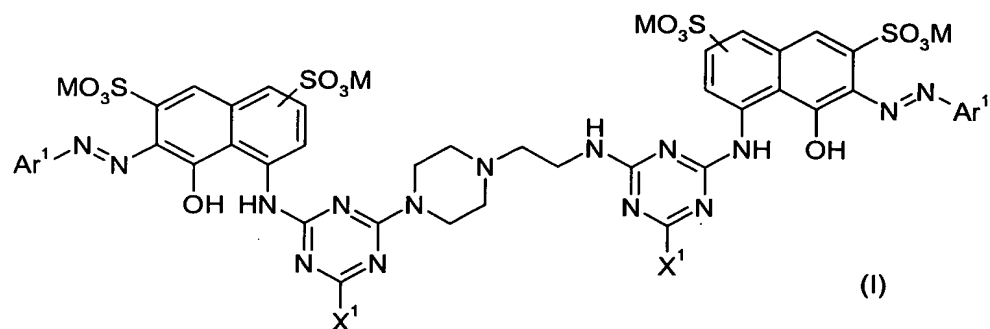


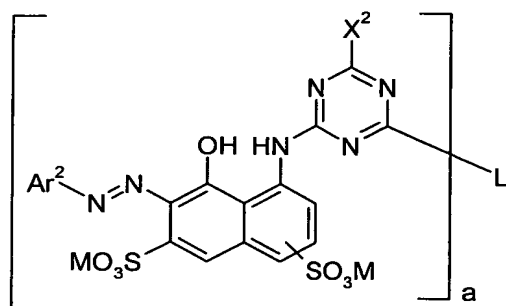
What is claimed is:

1. Mixture of fibre reactive dyes comprising one or more dyestuffs of the formula (I)

5



and one or more dyestuffs of the general formula (II)



10

where

$X^1$ ,  $X^2$  are independently a labile atom or group;

$Ar^1$  is an aromatic residue substituted by at least one  $-SO_3M$  group;

$M$  is hydrogen or alkali metal, especially sodium;

15  $Ar^2$  is an aromatic radical substituted with at least one  $-SO_3M$  group;

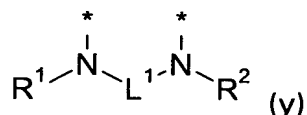
$a$  is 1 or 2

wherein,

if  $a$  is 2

$L$  is a divalent radical typically of the form (y)

20



where

R<sup>1</sup> and R<sup>2</sup> are independently hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl optionally substituted by -OR, -SR, -SO<sub>3</sub>M or X, or a phenyl group optionally substituted by a sulfonic acid group, -OR, -C<sub>1</sub>-C<sub>4</sub>-alkyl, or NR'COR and

L<sup>1</sup> is arylene or alkylene optionally substituted by a sulfonic acid group, -OR, -C<sub>1</sub>-C<sub>4</sub>-alkyl -COOR, or NR'COR

or

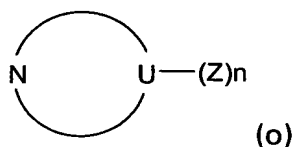
L is aminoethylpiperazine, under the proviso that if L is aminopiperazine, Ar<sup>1</sup> and Ar<sup>2</sup> are different or

if a is 1

L is a monovalent radical -NR<sup>3</sup>R<sup>4</sup>, -SR<sup>3</sup> or -OR<sup>3</sup>

where

R<sup>3</sup> and R<sup>4</sup> have one of the meanings of R<sup>1</sup> and R<sup>2</sup> or for --NR<sup>3</sup>R<sup>4</sup>, R<sup>3</sup> and R<sup>4</sup> can form a cyclic structure of the form (o)



where

U is an C<sub>4</sub>-C<sub>6</sub> alkyl residue optionally substituted by a substituent of formula Z and optionally interrupted by heteroatoms or heteroatom-containing groups such as -O-, -NR<sup>1</sup>,

n is 1, 2 or 3 and

Z is hydrogen, optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl, -OR<sup>5</sup>, -CO<sub>2</sub>R<sup>5</sup>, -COR<sup>5</sup>

and

$R^5$  is hydrogen, optionally substituted  $C_1$ - $C_4$  alkyl, optionally substituted vinyl, optionally substituted phenyl.

2. Dyestuff mixture according to claim 1

5 wherein

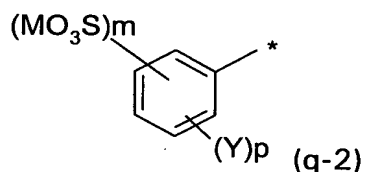
$X^1$  and  $X^2$  is independently chlorine, fluorine or 3 or 4-carboxypyridinium;

$Ar^1$  and  $Ar^2$  is independently a naphthyl residue substituted by at least one sulfo group (q-1)



where n is 1 to 3

or is a phenyl residue substituted by at least one sulfo group (q-2)



15 wherein

m is 1 or 2

p is 1 or 2 and

Y is independently hydrogen, halogen,  $R^5$ ,  $OR^5$ ,  $SR^5$ ,  $NHCOR^5$ ,  
where  $R^5$  is as given in claim 1.

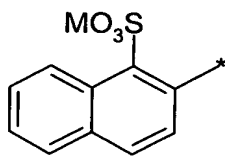
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3. Dyestuff mixture according to claim 1

wherein

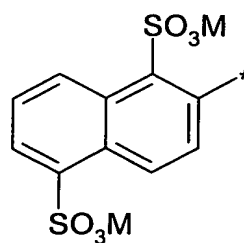
$X^1$  and  $X^2$  is chlorine;

$Ar^1$  and  $Ar^2$  are independently a naphthyl residue of the formula (q-11) or  
25 (q-12)



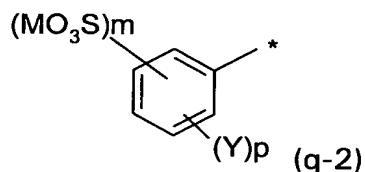
(q-11)

or



(q-12)

or are a phenyl residue substituted by at least one sulfo group (q-2)



5

wherein

m is 1 or 2

p is 1 or 2 and

Y is methyl.

10

4. Dyestuff mixture according to claim 1 wherein a is 1 and L is morpholine.

5. A dye mixture according to at least one of the claims 1 to 4 wherein a dye of formula (I) is present in the mixture in an amount of from 1% by weight to 99% by weight and a dye of the formula (II) is present in the mixture in an amount of from 99% by weight to 1% by weight.

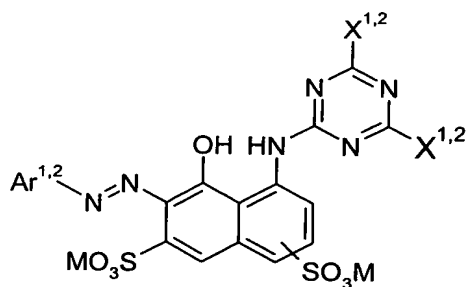
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6. A dye mixture according to at least one of the claims 1 to 4 wherein a dye of formula (I) is present in the mixture in an amount of from 10% by weight to 90% by weight and a dye of the formula (II) is present in the mixture in an amount of from 90% by weight to 10% by weight.

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7. A process for preparing a dye mixture as claimed in one or more of claims 1 to 5, which comprises reacting chromophores of formula (III)

25



(III)

wherein Ar<sup>1</sup>, Ar<sup>2</sup>, X<sup>1</sup>, X<sup>2</sup> and M are as defined in claim 1 with an appropriate mixture of 2-aminoethylpiperazine and a diamine H-L-H, or amine H-L, wherein L is as defined above, followed by precipitation using  
 5        methylated spirits and conventional filtration.

8. A process for dyeing hydroxy- and/or carboxamido -cont aining fiber material, in which dyestuffs or dyestuff mixtures are applied to the material and the dyes are fixed to the material by means of heat or with  
 10        the aid of an alkali or by means of heat and with the aid of an alkali, which comprises dye mixtures or dyestuffs as claimed in one or more of the claims 1 to 5.